

ABSTRACT OF THE DISCLOSURE

The invention relates generally to a new type of electrochromic (EC) window, and a method of manufacturing the same. The EC window of the present invention utilizes a photopolymerizable monomer in a liquid-like solution to allow the entire solution to be cured to a substantially solid form using light instead of heat. The EC window includes a first plate layer, a first conductive layer, a guest host electrolyte/electrochromic layer, a second conductive layer, and a second plate layer. The photopolymerizable monomer may be included in either the guest-host electrolyte or the electrochromic layer

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